

Amendments to the Claims

The "Listing of Claims" replaces all prior versions of the claims in the application.

Listing of Claims:

1-18. (Cancelled).

19. (Currently Amended) A method for making a multi-layer cathode backplate structure, comprising the steps of:

    providing a substrate;

    forming a cathode electrode by depositing a layer of an electrical conductor onto the substrate;

    selectively printing a layer of thick film dielectric material onto the cathode electrode;

drying the layer of thick film dielectric material;

    selectively printing a layer of imaging paste onto the layer of dielectric material;

developing heating the layer of dielectric material to effect diffusion into which of the imaging paste is diffused into the layer of dielectric material; to remove

removing unexposed portions of the dielectric material into which the imaging paste has been diffused and to leave leaving exposed portions of the cathode electrode, wherein a plurality of cathode electrodes separated by a dielectric material are formed;

    firing the structure; and

    depositing a field emitter material onto at least a portion of the plurality of cathode electrodes.

20. (Original) The method of Claim 19, wherein the step of selectively printing a layer of dielectric material comprises screen printing.

21. (Original) The method of Claim 19, wherein the step of selectively printing a layer of imaging paste comprises screen printing.

22. (Original) The method of Claim 19, wherein the step of developing is aqueous-based.

23. (Original) The method of Claim 23, wherein the field emitter material comprises a precursor field emitter material.

24. (Original) A display panel including a cathode backplate structure formed according to Claim 19.